

Title (en)
MANUFACTURING PROCESS OF MINIATURE PAPER HANDKERCHIEF

Title (de)
HERSTELLUNGSVERFAHREN FÜR MINIATUR-PAPIERTASCHENTÜCHER

Title (fr)
PROCÉDÉ DE FABRICATION DE MOUCHOIR EN PAPIER MINIATURE

Publication
EP 3017941 A4 20170726 (EN)

Application
EP 14820035 A 20140609

Priority
• CN 201310276146 A 20130702
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Abstract (en)
[origin: EP3017941A1] A manufacturing process of miniature paper handkerchief comprises the steps of feeding paper, embossing, longitudinally folding, transversely folding, separating sheets and packaging. By means of a longitudinal-folding unit (1), a transverse-folding unit (2) and a flower disc unit (5) mounted on a machine platform and connected in sequence, paper webs are sequentially tensioned on and arranged to go through the longitudinal-folding unit (1) and transverse-folding unit (2). The paper webs are folded in Z-shape along the width direction to form three folding surfaces through the longitudinal-folding unit (1), and then folded in half twice along the length direction to form four folding surfaces through the transverse-folding unit (2). The manufacturing process of miniature paper handkerchief presents the advantages of high production efficiency, fast speed, and reduced production cost, and the produced paper presents the advantages of suitable to adjust the specification, convenient to carry, small and exquisite.

IPC 8 full level
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Citation (search report)
• [YA] US 6258017 B1 20010710 - SINGH BALBIR [US]
• [YA] US 2004063559 A1 20040401 - OCHSENBAUER EDWARD R [US]
• [Y] EP 2603446 A1 20130619 - RENT SRL [IT]
• [Y] EP 0537125 A1 19930414 - RENT SRL [IT]
• [Y] US 5459979 A 19951024 - TOMMASI RENZO [IT]
• [A] JP 2003070612 A 20030311 - YONEYAMA KATSU
• [A] JP S4889905 U 19731030
• [A] CN 2421935 Y 20010307 - JI JIAXING [CN]
• See references of WO 2015000349A1

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